

Abstract of the Disclosure

The present invention provides colored glass containing no hazardous substances, such as CdS, CdSe and PbCrO₄, and used for lamps and covers for lighting, a colored glass bulb with yellow to orange color produced by using said colored glass, and a method for producing said colored glass and said colored glass bulb. Glass composition having a formula of R'₂O-RO-SiO₂ (wherein R' is an alkali metal element and R is an alkaline earth metal element) is added with 0.01-0.6 of weight ratio of Mo (molybdenum) as MoO₃ and 0.01-1.0 of weight ratio of S to obtain the colored glass and the colored glass bulb therefrom. The colored glass having a formula of R'₂O-RO-SiO₂ is formed to a desired shape to obtain the colored glass bulb, and the shaped hollow article is heated to 400-620°C to apply a coloring treatment thereto.